



CGCTCAGGATACGACTTCGTCGCTAGAGATCGGATCCCGGCGGCGGATTATATAGCTCGATCGATC
 TTCTCTATATCGCGGATATGCGGATATACACACACACGCGCGGATAGCATGACTGATCT
 CCCCACCTTTCCTTCGCATACGTCTTCGCGGATATGCGGATATGCGGATATGCGGATATGCGGAT
 CACAGACTTACGCTTCTCACTTCTTAC TAACCAATTCGGGAGGCGGCGGCGGATGCGGCGGAG

PubMed

Nucleotide

Protein

Genome

Structure

PopSet

Taxonomy

OMIM

Boo

Search for

Limits

Preview/Index

History

Clipboard

Details

Display

default

Save

Text

Add to Clipboard

☐ 1: X59714. *Z.mays* mRNA for C...[gi:22379]

Protein, PubMed, Taxonomy, LinkOut

LOCUS ZMNFYB 870 bp mRNA linear PLN 09-FEB-1999
 DEFINITION *Z.mays* mRNA for CAAT-box DNA binding protein subunit B (NF-YB).
 ACCESSION X59714
 VERSION X59714.1 GI:22379
 KEYWORDS CAAT-box DNA binding protein.
 SOURCE *Zea mays*.
 ORGANISM *Zea mays*
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACC
 clade; Panicoideae; Andropogoneae; *Zea*.
 REFERENCE 1 (bases 1 to 870)
 AUTHORS Benoist,C.
 TITLE Direct Submission
 JOURNAL Submitted (21-JAN-1992) C. Benoist, L.G.M.E., Dept of Immunology,
 11, Rue Humann, Strassbourg 67000, FRANCE
 REFERENCE 2 (bases 1 to 870)
 AUTHORS Li,X.Y., Mantovani,R., Hooft van Huijsduijnen,R., Andre,I.,
 Benoist,C. and Mathis,D.
 TITLE Evolutionary variation of the CCAAT-binding transcription factor
 NF-Y
 JOURNAL Nucleic Acids Res. 20 (5), 1087-1091 (1992)
 MEDLINE 92195809
 PUBMED 1549471
 FEATURES Location/Qualifiers
 source 1..870
 /organism="Zea mays"
 /db_xref="taxon:4577"
 CDS 29..565
 /codon_start=1
 /product="CAAT-box DNA binding protein subunit B (NF-YB)"
 /protein_id="CAA42234.1"
 /db_xref="GI:22380"
 /db_xref="MaizeDB:Variation/69291"
 /db_xref="SWISS-PROT:P25209"
 /translation="MAEAPASPGGGGSGSHESGSPRGGGGGSGVREQDRFLPIANISRI
 MKKAIPANGKIAKDAKETVQECVSEFISFITSEASDKCQREKRKTINGDDLLWAMATL
 GFEDYIEPLKVYLQKYREMEGDSKLTAKSSDGSIKKDALGHVGASSAAEGMGQQGAY
 NQGMGYMQPQYHNGDISN"

BASE COUNT 224 a 189 c 258 g 199 t

ORIGIN

```

1 gaattccgga taagcgcagg aggagctcat ggcggaagct ccggcgagcc ctggcgggcgg
61 cgcggggagc cagcagagcg ggagcccccag gggaggcgga ggcggtggca gcgtcagggga
121 gcaggacagg ttctgtccca tcgccaacat cagtcgcata atgaagaagg ccatcccggc
181 taacgggaag atcgccaagg acgctaagga gaccgtgcag gagtgcgtct ccgagttcat
241 ctcttctcat actagcgaag cgagtgcaca gtgccagagg gagaagcgga agaccatcaa
301 tggcgacgat ctgctgtggg ccatggccac gctgggggtt gaagactaca ttgaaccctt
361 caaggtgtac ctacagaagt acagagagat ggaggggtgat agcaagttaa ctgctaaatc

```

```
421 tagcgatggc tcgattaaaa aggatgctct tggtcattgt ggagcaagta gctcagctgc
481 agaagggatg ggccaacagg gagcatacaa ccaaggaatg ggttatatgc aacctcagta
541 ccataacggg gatattctcaa actaatgaag gtatggacct tttctgcgac agctgctctt
601 acctgaggcg attttttttg tcttagttat ttactaagac accttgcggt gaccattaaa
661 gagtaacc aa tcgccctcaa taggtccgtt tttatctgcc agaactgat aggtcgctca
721 ctaggagtaa gtcgcttccc tgggaacggt tgcggctag caccgctctt gtatgtatat
781 taagagtaac ttaatgattg gtcttttggc tgcgatttga tttgattata tgtatttgta
841 tcgggaggca taaatattgt gtaattgtgt
```

//

Revised: July 5, 2002.

[Disclaimer](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Jul 16 2002 16:59:14